/330 cont./

E 177 The Chiriguano adopted this civilization of a superior type with all the more ease by reason of the numerous affinities it offered with their own. The whole Amazonian and Guianan side of the Chané civilization was composed of industries, techniques, and practices with which the Chiriguano, having come from the tropical regions of America, from a country of great forests and rivers, were already acquainted in part. Thus, for example, the Guarani, upon arriving among the Chané, found again the hammocks, grain sieves, mortars, baskets, and weapons to which they were accustomed.

E Ce 177 The contribution of the Chané consisted of the very cultural elements they had received from the Andean peoples, that is, clothing (camisetas, headband, etc.), the liking for silver ornaments, some artistic motifs, certain pottery forms, etc., things which were scarcely beginning to filter into Paraguay. The influence of the Chané was decisive in the sphere of pottery.

Ce [323]

E 177 563 323 [161] Ce 178 323 177 The civilizing action of the Chané upon the Chiriguano had as agent the Chané women whom the Chiriguano captured and married. The Guarani had certainly taken along with them only a small number of girls. They themselves were few in number at the beginning, 4,000 according to Lizárraga (Vol. I, p. 260). In uniting with the Chané women whom they carried off by the thousands, they renewed with their blood all the feminine aspects of their industry. It is the women, for example, who make /331/ the pottery; a man would not be able to engage in it without losing prestige. So we see the pottery of the Guarani undergo important modifications and change completely. Today pottery is their glory; and of their ancient ceramics they have kept only the humble pots or the brewing vats for chicha. In spite of their decline the Chané have maintained their traditional superiority in this art, and they continue to produce vessels which, if they are not comparable to those of the past, are often very beautiful.

/17 cont./

361 Amambai (Pôsto Indígena Benjamim Constant), one league from the city of the same name (ex-União), in southern Mato
621 Grosso. On the occasion of my first visit 470 Guaraní Indians
[62] were registered at the post, all of the Kayová subgroup. Some Ñandéva who had settled in the village were expelled by the
[168] Kayová capitão. For some months of the year almost all of the Indians of Amambai, like the other small nuclei of the region, hire themselves out as yerba maté workers, being eagerly sought by
[114] the patrons. I worked at the post in 1949 and 1951.

[361] Taquapiri (Reserva Cêrro Ferô), a Kayová nucleus under the jurisdiction of the Pôsto Indígena Benjamim Constant, close to the Paraguayan border, two leagues from the town of Antônio Dias (ex-Ñuverá). Some 200 Guaraní live there, almost all of the Kayová subgroup. I visited the community in June of 1949. It is the nucleus in which the Watson couple worked in 1943.

Jacareí or Pôrto Lindo, a reservation under the jurisdiction of the Pôsto Indígena Benjamim Constant. The village, located in
[361] the extreme south of Mato Grosso, between the Rio Iguatemi and the Serra de Maracaju, extends to within half a league of
[162] the Paraguayan border. The great majority of the inhabitants are
[177] Ñandéva, whose culture does not seem to have suffered profound transformations through contact with inhabitants of other ethnic origins. Some of them came from nearby nuclei on the other
[162] side of the /18/ border; some even say they were born in Vila Iguatemi in Paraguay, and one or another already seems not to be
[114] pure Indian, but creole mestizo. When I stayed with them in June of 1949, I counted about 120 persons.

• 161 Summarizing, one might say that the Guaraní tribe, which in
131 past centuries dominated large areas of the southern States of Brazil
648 and neighboring territories in Uruguay, the Republic of Argentina, and Paraguay, is now reduced to a few thousand individuals, the majority of whom, except those who live in eastern Paraguay and in the Argentine territory of Misiones, do not occupy large and concrete areas, but are confined to small reservations or villages under official protection or even administration.

3:Watson E-4,5 (1943) 1952 SM4 Guarani SM4

PREFACE

THE field work for the present monograph was done by the writer, in the company of his wife and two Brazilian companions, in southern Mato Grosso, Brazil, from June to December, 1943. The Cayuá group primarily studied was the *colônia* of Taquapiri. This village is situated only a short distance from the Paraguay frontier, between the Mato Grosso hamlets of União and Nhu Verá (see map). União, the larger, is about twenty miles from Taquapiri and has a population of several hundred people, a platoon of soldiers, four or five small general stores, and the Indian Service post "Benjamin Constant." This post includes the Taquapiri group in its jurisdiction. Nhu Verá, the smaller of the two Brazilian hamlets, is on the Paraguayan frontier itself. There is no church at either place, though there is a Brazilian Protestant missionary at the Indian post near União. The nearest Brazilian "township" (*município*) of any size is Ponta Porã (1939 population estimated 26,000), some 75 or 100 miles distant over oxcart-worn roads. The population density of Ponta Porã, certainly greater than that of the region about Taquapiri, is given as 0.9 per square kilometer in 1939. Taquapiri was selected from three Cayuá groups visited because it appeared to present better opportunities for study. Its small size, relative compactness, and greater predominance of aboriginal practices recommended it over either of the other two places. In 1943 Taquapiri had about 175 persons, all told. Four months were spent at Taquapiri, several weeks of superficial observations and anthropometric measurements having been made previously in the Cayuá groups at Dourados and União.

The present paper is not an attempt at a complete account of the Cayuá. It is restricted to a study of Cayuá acculturation, primarily as evident at Taquapiri. A separate monograph is being written which will provide as full an account of the culture as a whole as is possible with the field work accomplished. Many points which are considered briefly in this study will thus be treated in greater detail in the monograph. But in order to avoid excessive footnoting, references to the forthcoming monograph will generally be omitted.

Grateful acknowledgement for having been enabled to do this work is made to the Department of State, U. S. A., and the Divisão de Cooperação Intelectual of the Ministério das Relações Exteriores of the Brazilian Government, under whose joint sponsorship the writer was the recipient of an Inter-American fellowship. Mr. George T. Colman, then United States Vice-Consul in São Paulo, and Mrs. Colman helped our work in many ways. Thanks and acknowledgement are also due the Museu Nacional of Brazil and its director, D. Heloisa Alberto Torres. With these auspices Brazilian personnel were included and the expedition was made a joint affair. Two young Brazilian field workers, Nelson Teixeira and Eduardo Galvão, accompanied us and col-

3:Watson E-4,5 (1943) 1952 SM4 Guarani SM4

I. THE COUNTRY AND THE PEOPLE

LOCATION

101 THE Cayuá, frequently also called Cainguá, and less frequently Caiowá, Caingá, Caiguá, and other similar designations,[6] are a Guarani-speaking
[657] people of southwestern Brazil and adjacent Paraguay. The groups on the Brazilian side of the boundary are at present located on various *postos* and
131 *reservas* of the *Serviço de Proteção aos Indios*, a Brazilian federal agency. All
167 the Cayuá known to the author now live between the great Rio Paraná on
*175 the east and the Rio Paraguay to the west; from Rengger's[7] and other accounts, this seems to have been approximately their traditional center of location since the first entry of the white man into the region. Not long after Rengger's Paraguayan sojourn (1818–1826), however, Cayuá territory was extended farther to the north and also to the east of the Rio Paraná. Von Ihering, at least, affirms that such a movement of the Cayuá from their traditional home in Paraguay and southern Mato Grosso took place only in relatively recent times. He dates their entry into the states of São Paulo and Paraná as late as 1832–1850.[8] Von Koenigswald agrees substantially in both details with von Ihering, stating that the original home of the Cayuá has always been in northern Paraguay and southern Mato Grosso, but that the advancing whites and the war disturbances of the beginning of the last century forced large numbers of Cayuá to flee eastward where they took shelter on the lower Paranapanema River.[9] This river is part of the east-to-
[161] west boundary between São Paulo and Paraná, well to the northeast of present Cayuá territory. Von Koenigswald further concludes that the Cayuá must have been numerous inasmuch as they formerly ranged as far north as the Rio Peixe in the state of São Paulo and as far south as the Rio Ivahi. He mentions that as early as 1855 there had been an attempt to establish a group of Cayuá on a reservation at Loreto de Pirapó, Paraná, in the valley of the Paranapanema. Sampaio[10] in 1890 reported numerous Cayuá in the valley of the same river. The former extension of the Cayuá to the northeast of their present territory thus seems well corroborated.[11]

*174 The Cayuá, or at least certain of them, were apparently canoe Indians
501 until some forty years or so ago—and some groups until more recently, according to von Koenigswald, writing in 1908.[12] Sampaio also gives the impression

[6] Godoi, 1946, refers to a group of "Paingué" whom he identifies with the Cayuá. There seems little justification for the name he uses. The Paingué proper were a Gualcuruan tribe of the Rio Paraguay. [7] Rengger, 1835. [8] Von Ihering, 1907, p. 204.

[9] Von Koenigswald, 1908. [10] Sampaio, 1890.

[11] Godoi, 1946, *passim*, makes a rather weak case for the long tenancy of the "Paingué," (Cayuá) in the region of Pirassununga, in the state of São Paulo. Very likely there were Tupi-Guarani peoples in the region since early times, and possibly but not necessarily Cayuá or "Paingué." [12] Von Koenigswald, 1908, *passim*.

3: Watson E-4,5 (1943) 1952 SM4 Guarani SM4

of a notable use of the canoe by the Cayuá.[13] This fact would further support the idea of a formerly greater Cayuá territory. Being canoe people, they would have been more mobile and would have been able to travel widely on the Paraná and its many affluents, although actual settlements of Cayuá may not necessarily have been known in São Paulo and Paraná before 1830. Some of the western branches of the Rio Paraná system are still familiar to the Cayuá of Brazil, especially the Rio Amambai and the Rio Iguatemy which flow through their present area.

What neither von Koenigswald nor Sampaio seems to realize fully is the reason why the Cayuá were found to the east of the Paraná at that time. The time and the place of this eastward expansion should be considered in the light of the religiously inspired migrations of the "Apapocuva-Guarani,"[14] close neighbors and cultural and linguistic relatives of the Cayuá. It appears that some Cayuá shared in the messianic impulses which led certain of their congeners to abandon their homeland and start a migration toward the Atlantic. Thus the Cayuá may have been relative newcomers on the eastern side of the Paraná, except for whatever travel they formerly engaged in for fishing or hunting.

A map[15] published in 1911 shows only a few small nuclei of Cayuá remaining in the regions east of the Paraná, indicating that they had at that time already withdrawn or largely disappeared from these parts. Today they are almost completely confined to what seems always to have been their traditional home, southern Mato Grosso and northeastern Paraguay.[16]

NUMBERS

On the Brazilian side of the frontier the numbers of the Cayuá have been variously estimated, but to our knowledge, nothing like a census or creditable calculation exists. A rough count of the inhabitants of the more accessible and stable villages may exist in the files of the *Serviço de Proteção aos Indios* (hereinafter to be referred to as the SPI). But a certain number of Cayuá live scattered in the *matas* or forests with nothing like a close village grouping, and of these no good count has probably been made.

Reporting for the year 1911, the SPI had the following to say about the numbers of the "Caioás":

> The Caioás are, according to acceptable information, the most numerous tribe of the south of the state of Mato Grosso. They live on the right bank of the Ivinheima and in the region between this river and the Iguatemy. A large part of these Indians, in order to free themselves from the incursions of adventurers, have withdrawn to the hinter-

[13] Sampaio, 1890, *passim*. [14] Unkel, 1914. [15] Von Ihering, 1911.

[16] More extensive information as to the names and location of various Guarani-speaking groups of the area may be had by consulting Métraux, 1928, and Costa, 1939.

3:Watson E-4,5 (1943) 1952 SM4 Guarani SM4

lands of the state of Paraná, where they are safer. With them live a small number of Guaranya.[17]

There is at present, and probably has been for a long time, some interchange of population between the Brazilian and Paraguayan Cayuá, even at great distance, but especially among those living near the frontier. A reasonable estimate for the Brazilian Cayuá in 1943 would be something between 2,000 and 4,000. Even less is apparently known about the numbers of the Paraguayan Cayuá.

WHO ARE THE CAYUÁ?

Etymologically, it is said that the name "Cayuá" is related to two Guarani stems meaning "forest" (*ka'á*) and "man" or "men" (*aBá*), that is, "men of the forest."[18] If this is the case, the name suits them very well indeed. As far as forest dwellers are concerned, however, the name would not by any means be unsuited to many other Tupi-Guarani peoples as well. As applied specifically to the Cayuá, the name might have grown out of the practice on the part of the Europeans, during Conquest and mission times, to distinguish the "reduced Guarani" (broadly speaking) from those who were not "reduced." The "reduced" Guarani-speaking peoples, who lived in *reducciones*, were in fairly close contact with the Europeans. They had early been brought to some sort of terms with the whites, either of peonage (in the *encomienda*) or of religious proselytism, in the latter case largely through the efforts of the Franciscans and Jesuits. The "non-reduced" speakers of Guarani, on the other hand, had no fixed relationship with the Europeans other than, for the most part, avoidance. They lived in the less accessible forests, originally because these had been their home; subsequently they also sought out remote forests in order to avoid the Europeans. Hence, using a word in one of the native Guarani languages, the invaders might well have called them "Cayuá" or "men of the forests."[19] This distinction, from which their present name allegedly derives, is particularly significant in considering the acculturation of the Cayuá.

Culturally, the Cayuá shared a great deal with their Tupi-Guarani linguistic relatives. This similarity was generally recognized to such an extent, concerning the people closest to them, the so-called "Guarani" of Paraguay

[17] *Exposição sobre o Serviço de Proteção aos Indios*, 1913. Information kindly provided by Dr. Herbert Baldus, São Paulo, by letter.

[18] Watson, J. B., 1945, p. 3, fn.; p. 10, fn. 11.

[19] In the English translation of Dobrizhoffer, 1822, the original Latin expression which the author uses to refer to the non-reduced speakers of Guarani is translated as "woods Indians." Dobrizhoffer dwells considerably upon the point of the close attachment of the Guarani peoples of the Paraguay region to their forest habitat in contrast both to the open-country dwelling Abipones and other equestrian Indians, and to the reduced Guarani. The latter the Jesuits apparently always sought to bring, at the cost of some perseverance, to missions established in open places.

3:Watson E-4,5 (1943) 1952 SM4 Guarani SM4

VI. SUMMARY AND METHODOLOGICAL NOTE

WAS CAYUÁ ACCULTURATION GRADUAL AND PACIFIC?

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A SUMMARY of the acculturation of the Cayuá of Brasil could scarcely fail to point out that these people have not been completely displaced territorially, although they have been located on rather small reservations; nor have they been uprooted culturally, though their sociocultural character has undergone considerable change over several centuries. The local groups of the tribe still live a way of life which presents a picture both of organization and of notable continuity with the aboriginal past. Unfortunately, however, no close comparison of the degree of organization of the modern culture and the aboriginal Cayuá can be made. Such a comparison would justify us in concluding more about the overall effect of acculturation. Nonetheless, it is clear that the Cayuá local groups have not been broken but in fact demonstrate much cohesion.

The Cayuá have not been obliged to turn to some alien economy for their mainstay but for the most part only to modify the relationship among different components of the aboriginal economy. Providentially this was possible with a minimum of stress through adopting white technological traits, principally several metal cutting tools of great agricultural utility. Other than that shift, which was one of degree rather than of kind, the major economic novelty has been agricultural and extractive wage-work for the settler. Even this, however, is limited in its effect. The full list of acculturational changes of the Cayuá is longer, as anyone who has followed the discussion this far will recognize, but those just mentioned include most of the factors of the primary list in the analysis.

Yet it would be easy to be wrong, in casting up an idea of the whole of Cayuá acculturation, if one were to conclude from the present cultural adjustment that the course of change in the past was unmarked by stormier times. The possibility of error is greater the less detail there is of the history of Cayuá contact with whites, and this sort of knowledge is distinctly limited. There are only one or two hints, which unavoidably remain unelaborated, of earlier significant acculturational difficulties. One is the fact that Cayuá migrations of a messianic order took place in the early middle 19th century (see pp. 51–54), and these migrations likely were connected with disturbing influences of white contact. The other hint is less certain and one for which no confirmation was found, that the birth rate of at least some groups of Cayuá was dropping dangerously at one time. Allegedly this went on until it reached such a point that the people themselves became concerned, whereupon they took deliberate steps to correct the situation. According to a local white woman, these steps included public exhortation of the women against the use of contraceptives

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made up of those who have spent a large part of their lives outside of the Indian aldeias, having lived in closer contact with the whites, speak and know only the modified type of the language, admitting that they have difficulty at times in understanding the speech of some of the older ones. I found very few of these cases.

Taquapirí, the aldeia under consideration in this article, is located in the Federal Territory of Ponta Porã, between the Brazilian settlements of Uniño and Nhu Verá, about two leagues from the Paraguayan border. At present about 175 individuals are counted in the aldeia, many of them relatives and friends of other Cayuá of the various groups of these Indians in the region, such as the Posto Índigena "Benjamin Constant," Mangaí, Iguassutí, Ipeum, and Pirajuí. The Cayuá nowadays devote themselves intensively to agriculture, making large clearings, and devoting little time to hunting or fishing. Von Koenigswald states that at the beginning of the twentieth century, the period in which he traveled through the /33/ region, the same was not true. "Every Indian village maintains a small clearing with maize, mandioca, gourd, sweet potato..." (4).

4. Ibid., p. 7.

About 40 or 50 years ago, more or less, the restrictions with which the whites reduced the area of land that the Indians can use were becoming more accentuated. Today the Indians of Taquapirí are limited to a territory which is not watered by rivers that contain a large amount of fish and which does not have forests with plentiful game either. This progressive diminution of the Indians' territory remains alive in the memory of part of the older men of the group. The introduction of the machete to this group, an event that took place at least in a period much earlier than the reduction of the Indians' territory on the part of the whites and which was going to facilitate the opening of the clearings in the forest, constituted another important factor of the change observed in the economy of the Cayuá /The index number for footnote 5

5: Métraux E-4 (no date) 1948 SM4 Guarani SM4

Catanduvá are designated in Brazil under the generic term of *Caiuá* (*Kayguá*).

The *Ivaparé* (*Aré, Shetá*), erroneously called *Botocudo* or *Nolobotocudo* because of their wooden labrets, are a *Guaraní*-speaking group living on the Ivahy River, near the Ranharanha (Ariranha) Cachoeira (lat. 24° S., long. 53° W.). These Indians have abandoned farming, and roam in the forests like the *Guayaki* (Borba, 1904, Loukotka, 1929).

At present most of the *Caingué* groups are in constant contact with the Mestizos and Whites, and many *Caingué* work as peons in the estancias, in the maté or lumber camps. With the earned money they buy clothes, tools, food, pots, sugar, and salt. Consequently, they have abandoned weaving and even their native ware. On the other hand, they still cultivate the same plants as their ancestors.

Population.—Nimuendajú (1914 a, p. 293) estimated in 1912 the total number of the Brazilian *Caingué* at about 3,000.

Sources.—Information on the ancient *Guaraní* is scanty and fragmentary, but can be supplemented by our better knowledge of their descendants, the numerous *Caingué* tribes of Paraguay and southern Brazil. Moreover, from all available evidence, ancient *Guaraní* culture appears to be basically like that of their neighbors and kinsmen, the coastal *Tupí*.

Most of the data on the ancient *Guaraní* used in this chapter come from the "Comentarios de Alvar Nuñez Cabeza de Vaca" (see Pedro Hernández, 1852), Schmidel (1903), Ruiz de Montoya's (1892) "Conquista espiritual," and the "Cartas anuas de la Compañia de Jesus" (1927–29). Del Techo (1673, 1897) and Lozano (1873–75), who often have been regarded among our best authorities on the *Guaraní*, obtained most of their data from Jesuit reports (Cartas anuas).

The earliest description of the *Caingué* appears in Dobrizhoffer (1874). Azara's (1809, 1904) often-quoted passages on the *Guaraní* should be used with caution. Rengger (1835) in the beginning of the 19th century and Vogt (1904), Ambrosetti (1895 b), and Vellard (1939 a) in recent times have contributed good information on the material culture of the Paraguayan *Caingué*. On the *Cayué* of Southern Brazil, we have a monograph by Von Koenigswald (1908). The outstanding sources on the modern *Guaraní*, or *Caingué*, are a monograph by Nimuendajú (1914 a) on the religion and mythology of the *Apapocuva-Guaraní*, and a series of studies by Father Franz Müller (1934–35) on the Paraguayan *Caingué*.

Pablo Hernández's (1913) monumental work is the most complete modern source on the history and organization of the Jesuit missions. Cardiel's (1900) "Declaración de la verdad" and Muratori's (1754) "Nouvelles des missions du Paraguay" are excellent 18th-century treatises on life in the missions.

5: Métraux E-4 (no date] 1948 SM4 Guarani SM4

founded which, together with the others, formed the 30 cities of the so-called "Paraguayan State of the Jesuits."

The Jesuit expansion was resisted by certain *Guaraní* shamans, chiefs, and especially messiahs, who seem to have been very numerous in this period of hardship and misery. Meanwhile, the Jesuits were persecuted by the encomenderos, who could not tolerate the loss of so many Indians to the missionaries. The southern missions of Yapeyú and La Cruz were often molested by the incursions of the *Yaró*, *Mbohane*, *Minuane*, and *Charrua* Indians. Several expeditions of *Guaraní* were led by Spanish officers against these wild tribes.

The first blow to the Jesuits was the treaty of 1750 between Spain and Portugal, by which Philip VI yielded to Portugal seven Jesuit missions on the eastern side of the Uruguay River (San Borja, San Nicolas, San Luís, San Lorenzo, Santo Angel, San Miguel, and San Juan) in exchange for the colony of Sacramento. The Indians refused to abandon their villages and resisted by arms the forced expulsion. Both Spain and Portugal had to send armies, which defeated the Indians in 1756. Three years later, the Tratado de Limites was abrogated and the seven towns were returned to the Jesuits, but in the meantime they had been partially destroyed and the Indian population, estimated at 30,000 a few years before, had considerably decreased.

The year 1767, when all Jesuits were expelled from South America, is a fateful date in the history of the South American Indians. The Indians who had been under Jesuit rule dwindled or disappeared altogether. Tribes left their missions to return to the bush; Indians in Jesuit colonies reverted to barbarism and regions previously explored again became geographical blanks on the map.

The new charter which Don Francisco de Paula Bucareli y Ursua drafted for the missions after the expulsion of the Jesuits differed from the previous system only in minor points. The so-called communistic feature of the Jesuit regime and the restrictions on commerce were maintained, but none of the more progressive aspects of the plan, such as the foundation of a University, were ever applied. Control of the missions was given to Franciscans, assisted by lay administrators. The results were baleful. The missions were invaded by colonists who robbed the Indians of their lands and destroyed the cattle and maté plantations. The fields were abandoned and the handicrafts forgotten through lack of teachers. The Indians were forced to work for the Whites and were victimized by the local authorities. Many continued to live on their plantations but others returned to the forests. Those who remained in the missions were completely demoralized by alcoholism and the bad example of the colonists. The wars of independence and the later national wars completed the decadence and the ruin of the missions. In 1801 the seven towns in Uruguay were given back to Portugal; in 1817 the

6: Watson E-4,5 (1943) 1945 SM4 Guarani SM4
Cayua

ment of the Cayuá from their traditional home in Paraguay and the southern part of the state of Mato Grosso took place only in relatively recent times. He dates their entry into the states of São Paulo and Paraná as late as 1830-1852.[2] Von Koenigswald agrees substantially in both details with von Ihering, stating that the original home of the Cayuá has always been northern Paraguay and southern Mato Grosso, but that the advancing whites and the war disturbances of the beginning of the last century forced large numbers of Cayuá to flee eastward where they took shelter on the lower Paranapanema River.[3] This river is part of the east-to-west boundary between the Brazilian states of São Paulo and Paraná, well to the northeast of present Cayuá territory. Von Koenigswald further concludes that the Cayuá must have been numerous inasmuch as they formerly ranged as far north as the Rio Peixe in the state of São Paulo and as far south as the Rio Ivahi. He mentions that as early as 1855 there had been an attempt to establish a group of Cayuá on a reservation at Loreta de Pirapó, in the state of Paraná, in the valley of the Paranapanema. Sampaio[4] in 1890 reported numerous Cayuá in the valley of the same river. The former extension of the Cayuá to the northeast of their present territory seems pretty well corroborated.

Another fact in support of the hypothesis that Cayuá territory was formerly more extensive than at present is that the Cayuá were apparently canoe Indians until at least some forty years or so ago — and some groups presumably until more recently, according to von Koenigswald, writing in 1908.[5] Sampaio also gives the impression of a notable use of the canoe by the Cayuá.[6] Being canoe people would have made them much more mobile and enabled them to travel widely on the excellent fluvial system of the Paraná and its many affluents, even if actual settlements of Cayuá had not been known in São Paulo

[2] Von Ihering, Hermann, "A anthropologia do Estado de São Paulo", *Revista do Museu Paulista*, vol. VII, 1907 (São Paulo), p. 204.

[3] Von Koenigswald, Gustav, "Os Cayuás", Portuguese translation from the German, *Globus*, vol. XVIII, nº 24 by F. W. Sommer, collection of Museu Nacional (Rio de Janeiro).

[4] Sampaio, Teodoro, "Considerações Geográphicas e Económicas sôbre o Valle do Rio Paranapanema", *Boletim da Comissão Geográphica e Geológica do Estado de São Paulo*, nº 4 (São Paulo, 1890).

[5] *Op. cit.*

[6] *Op. cit.*

6: Watson E-4,5 (1943) 1945 SM4 Guarani SM4
Cayua

and Paraná before 1850. Some of the western branches of the Paraná system are still familiar to the Cayuá of Brazil, especially the Rio Amambai and the Rio Iguatemy which flow through their present area.

A map[7] published in 1911 shows only a few small nuclei of Cayuá remaining in the regions east of the Paraná, demonstrating that they had at that time probably already withdrawn or largely disappeared from these parts. Today they are probably almost completely confined to what seems to have always been their traditional home in southern Mato Grosso and northern Paraguay.

Numbers

On the Brazilian side of the frontier the numbers of the Cayuá have been variously estimated, but to our knowledge, nothing like a census or a creditable calculation exists. A rough count of the inhabitants of the more accessible and stable villages may exist in the hands of the Serviço de Proteção aos Indios (hereinafter to be referred to as the SPI). But large numbers of Cayuá live scattered in the *mata* or forest, in what seem to be small kinship groups — perhaps extended families — without anything like a true *village* grouping, and of whose numbers, therefore, no count has probably been made. There is, furthermore, a constant exchange of population between the Brazilian and the Paraguayan Cayuá, even at great distances, but especially in the case of those who live very near or on the frontier. Probably even less is known about the numbers of the Paraguayan Cayuá than the Brazilian. Perhaps a reasonable estimate for the Brazilian Cayuá would be something between 2,000 and 4,000, excluding the possibility that there are other nuclei of those forest-dwellers of which we did not hear.

Present-day Economy

A brief survey of what Cayuá economy is at present in the little *aldeia* which we studied may make clearer the discussion of the effects of certain historical events upon the economy. The inhabitants of

[7] Map organized by H. von Ihering, *Revista do Museu Paulista*, vol. VIII, (São Paulo, 1911). A modified version of this map appears with the present article.

6: Watson E-4,5 (1943) 1945 SM4 Guarani SM4
Cayua

the village of Taquapiry, a relatively closely grouped settlement of Cayuá, number about 175, including men, women, and children. To a certain extent, Taquapiry was atypical of what we had observed for some Cayuá elsewhere in that it was a group of houses built in relative proximity one to another, without much of the frequently encountered scattering of small kin groups in the forest. There were, however, some evidences of the tendency to live apart, representing, possibly, some of the more "traditionally minded" individuals of the group. Present-day Cayuá are sedentary and live in rough houses, many of which, in Taquapiry, house only elementary family groups.

The present Cayuá are primarily agricultural. Almost every adult male in the village has a *roça*,[8] or field, for planting, which is cut out of the forest by what can be generally described as slash-and-burn methods. A man need not be married before he posses a *roça*, and even some women carry on with their husband's *roça* after being widowed or divorced. But, generally speaking, *roças* are today associated with elementary families, for whom they serve as the principal means of obtaining a living.

A certain number of Cayuá still spend some time in hunting and fishing, although the number would not be as large as that of *roça* owners. Nor is the amount of time spent in hunting and fishing, in the majority of cases, usually more than a small fraction of that spent in agriculture. Hunting and fishing require considerable time, at least a day for even a small-scale hunt and two days and often more for fishing. The game resources of the immediate neighborhood of Taquapiry are not extensive, and no fish-bearing streams are to be found less than a half-day's distance from the *aldeia*. There are probably not more than one or two men in the village who spend more time in hunting and fishing than in agriculture.

Trapping and snaring, with the dual purpose of providing occasional meat and keeping agricultural pests under control, are engaged in to some extent by nearly all Cayuá males, whether or not they also hunt and fish. Trapping and snaring are somewhat distinct from "true" hunting and fishing in the Cayuá instance; they do not call for departure from regular agricultural activity. The provident

[8] A Brazilian word referring to the notably similar complex of agricultural traits among rural Brazilians.

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the present century, we might note the Kinikináu (Guaná) and the Ofaié-Xavante. The former still maintained an aldea by the Agaxi River, from which they dispersed, expelled from their lands by a civilizado who supposedly purchased them from the state of Mato Grosso; its remaining members are found today in some Terêna aldeas. Of the latter, some survivors (10 persons) were encountered in 1948 by Darcy Ribeiro, who describes them as a group of individuals wandering through the region, without fixed abode and without purpose, at the mercy of the availability of work on neighboring fazendas: "... this is a tribe that still numbered one thousand persons at the beginning of the century and is, today, reduced to this group and, possibly, to some two others in the same circumstances." (Cf. Darcy Ribeiro, 1951:107.)

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Nevertheless, in contrast to the Kadiwéu and to a greater extent than the Kaiwá, the Terêna population has been increasing appreciably, a phenomenon that characterizes them as one of the few indigenous populations in Brazilian territory with a /20/ favorable demographic index (4). It should also

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4. The last estimates of the S. P. I. gives the Kaiwá with about 2,500 individuals and the Kadiwéu with barely 200, whereas the Terêna population has been increasing steadily and now numbers approximately 4,000 individuals. (Taking into account here only the Indians living in aldeas on native reserves.)

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It should also be added that this group has a certain importance on the regional labor market, where its members exercise the most varied productive activities, from the extraction of the bark of the angico--which they do with great skill--to herding and, chiefly, farming. This demographic density, along with the demonstrated ability to adjust to the most diverse socio-cultural situations, confers on the Terêna the role of rural laborers par excellence, which has assured them a place in the regional economic structure.

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The Terêna thus represent one of the Guaná or Txané subgroups which, along with other tribes of this large Aruák group, appear as those Indians who contributed most to the formation of the Brazilian Southwest, both as producers of goods for the consumption of the first Portuguese and neo-Brazilian occupants of the region and as industrious manual labor on the fazendas that began to proliferate after the Paraguayan war, not to overlook the role they played in that conflict, when they were led to fight the Paraguayan army.

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Located in an area which has for some time been integrated into the national economy and which has for centuries been contended for by the Spanish and the Portuguese, the Paraguayans and the Brazilians, it is natural that the

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